

Message

From: Griffin, Susan [Griffin.Susan@epa.gov]
Sent: 2/9/2017 6:15:40 PM
To: Moritz, Vera [Moritz.Vera@epa.gov]; Smith, Patricia [Smith.Patricia@epa.gov]
CC: Aguilar, Mark [Aguilar.Mark@epa.gov]; (carl.spreng@state.co.us) [carl.spreng@state.co.us]
Subject: RE: Risk assessment evaluation for chemical constituents

Hi Vera,

I've reviewed the risk assessment portions of the five year review for the Rocky Flats site. I can honestly say I've never seen a five year review address Question B so badly. Question B asks if exposure assumptions, toxicity values and cleanup levels are still valid. This report never addresses this question. Instead it conducted a nonsensical screen of residual concentrations of constituents in soil. I would strongly suggest that this section be rewritten to respond to the fundamental questions. For example:

1. Is the site conceptual model still valid?
2. Have there been any changes to land use or receptors?
3. Have the exposure assumptions for the receptors changed since the cleanup levels were developed?
4. Have the toxicity values (using EPA's hierarchy of toxicity values NOT the regional screening levels tables) changed?
5. If any of the above have changed, does this impact the protectiveness of the remedy?

I would be more than happy to work with the authors to rewrite this document. At present, it should not be accepted.

Sincerely,
Susan

From: Moritz, Vera
Sent: Wednesday, February 01, 2017 6:30 PM
To: Smith, Patricia <Smith.Patricia@epa.gov>; Griffin, Susan <Griffin.Susan@epa.gov>
Subject: FW: Risk assessment evaluation for chemical constituents

Susan -- could you please start review of the risk assessment file thanks -- Vera

From: Gallo, Patty (CONTR) [mailto:Patty.Gallo@lm.doe.gov]
Sent: Wednesday, February 01, 2017 6:28 PM
To: Moritz, Vera <Moritz.Vera@epa.gov>; 'Carl Spreng (carl.spreng@state.co.us)' (carl.spreng@state.co.us) <carl.spreng@state.co.us>; lindsay.masters@state.co.us
Cc: Ward, David (CONTR) <David.Ward@lm.doe.gov>; Kaiser, Linda (CONTR) <Linda.Kaiser@lm.doe.gov>; Murl, Jeffrey <Jeffrey.Murl@lm.doe.gov>; Surovchak, Scott <Scott.Surovchak@lm.doe.gov>; Cummins, Laura (CONTR) <Laura.Cummins@lm.doe.gov>
Subject: Risk assessment evaluation for chemical constituents

All:

Please find attached two files that contain the risk assessment evaluation for chemical constituents for the Rocky Flats FYR report. The content of these files will be discussed at the upcoming FYR Team meeting on Feb. 7th. Please review for

content only as these files have not been tech edited. Note that the files do not contain text regarding the radiological portion of the FYR risk assessment evaluation.

The first file contains the chemical portion of the answer to Question B in the main body of the report. The first file also contains a table (Table 4) that presents the RAO status, which provides a summary of the data considered in answering Question A of the report. The second file contains the chemical portion of the Risk Assessment appendix to the FYR report.

I will send out a final agenda for our meeting next week on Monday. I am hoping we can discuss any comments EPA and CDPHE may have on the ARARs table provided at the December meeting (also attached) at our Tuesday meeting as well.

Many thanks.



Patricia Gallo
Environmental Compliance, Rocky Flats Site
Navarro Research and Engineering, Inc.
Contractor to the U.S. Department of Energy
Office of Legacy Management
11025 Dover Street, Unit 1000
Westminster, CO 80021
720-377-9684
patty.gallo@lm.doe.gov

